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PTO/SB/21 (08-00)

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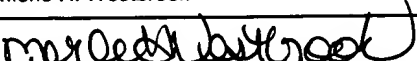
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/924,037
	Filing Date	August 7, 2001
	First Named Inventor	Whittaker, et al.
	Group Art Unit	2633
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	50777/250037

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ENCLOSURES (check all that apply)		
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Geoff L. Sutcliffe, Reg. No. 36,348	
Signature		30732 PATENT TRADEMARK OFFICE
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: G. Allan Whittaker et al.
SERIAL NO.: 09/924,037 GROUP ART UNIT: 2633
FILED: August 7, 2001 EXAMINER: (not assigned)

FOR: PHYSICAL LAYER TRANSPARENT TRANSPORT
INFORMATION ENCAPSULATION METHODS AND
SYSTEMS

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Assistant Commissioner for Patents
Washington, D.C. 20231

Attorney Docket No.: 50777/250037
Date: October 23, 2002

INFORMATION DISCLOSURE STATEMENT


Sir:

In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the modified Form PTO-1449 are enclosed with this submission for consideration by the Examiner.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

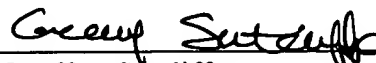
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Merle H. Westbrook

This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. If a fee is due, the Commissioner is authorized to charge such fee and any additional fees that may be due or credit any overpayment to Deposit Account No. 11-0855.

Respectfully submitted,


Geoff L. Sutcliffe
Reg. No. 36,348

Date: October 23, 2002

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Form TO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 50777/250037	SERIAL NO.: 09/924,037
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: Whittaker, et al.	
		FILING DATE: August 7, 2002	GROUP: 2633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,883,217	05/13/75	Love et al.			
	3,936,141	02/03/76	Milton			
	4,054,366	10/18/77	Barnoski et al.			
	4,166,946	09/04/79	Chown et al.			
	4,234,969	11/18/80	Singh			
	4,249,266	02/03/81	Nakamori			
	4,301,543	11/17/81	Palmer			
	4,307,933	12/29/81	Palmer et al.			
	4,317,614	03/02/82	Palmer			
	4,366,565	12/28/82	Herskowitz			
	4,367,460	01/04/83	Hodara			
	4,400,054	08/23/83	Biard, et al.			
	4,423,922	01/03/84	Porter			
	4,446,515	05/01/84	Sauer et al.			
	4,457,581	07/03/84	Johnson et al.			
	4,482,980	11/13/84	Korowitz et al.			
	4,506,153	03/19/85	Ohno			
	4,543,574	09/24/85	Takagi et al.			
	4,554,511	11/19/85	Braun			
	4,577,184	03/18/86	Hodara et al.			
	4,595,839	06/17/86	Braun et al.			
	4,630,256	12/16/86	Albanese			
	4,671,608	06/19/87	Konishi			
	4,674,830	06/23/87	Shaw et al.			
	4,717,229	01/05/88	Cutler			
	4,756,595	07/12/88	Braun et al.			
	4,759,011	07/19/88	Hicks Jr.			
	4,761,833	08/02/88	Epworth			
	4,786,130	11/22/88	Georgiou et al.			
	4,810,052	03/07/89	Fling			
	4,845,483	07/04/89	Negishi			
	4,850,047	07/18/89	Iguchi et al.			
	4,883,335	11/28/89	Alferness et al.			
	4,898,565	02/06/90	Braun			
	4,932,004	06/05/90	Hodara et al.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,946,244	08/07/90	Schembri			
	4,948,218	08/14/90	Kobayashi, et al.			
	5,046,137	09/03/91	Kurobe et al.			
	5,055,827	10/08/91	Philipp			
	5,058,974	10/22/91	Mollenauer			
	5,083,874	01/28/92	Aida et al.			
	5,117,303	05/26/92	Desurvire et al.			
	5,129,019	07/07/92	Robberg et al.			
	5,133,031	07/21/92	Tanaka et al.			
	5,179,603	01/12/93	Hall et al.			
	5,181,134	01/19/93	Fatehi et al.			
	5,185,735	02/09/93	Ernst			
	5,187,605	02/16/93	Shikata et al.			
	5,212,577	05/18/93	Nakamura et al.			
	5,222,166	06/22/93	Weltha			
	5,307,197	04/26/94	Tanabe et al.			
	5,309,564	05/03/94	Bradley et al.			
	5,315,424	05/24/94	Boden et al.			
	5,317,580	05/31/94	Auffret et al.			
	5,345,230	09/06/94	Jackson, et al.			
	5,347,384	09/13/94	McReynolds et al.			
	5,361,262	11/01/94	Cheung			
	5,369,516	11/29/94	Uchida			
	5,412,746	05/02/95	Rossberg et al.			
	5,432,874	07/11/95	Muraguchi			
	5,471,342	11/28/95	Junginger, et al.			
	5,479,082	12/26/95	Calvani et al.			
	5,483,233	01/09/96	Pettitt, et al.			
	5,506,709	04/09/96	Segal, et al.			
	5,533,153	07/02/96	Ota			
	5,539,558	07/23/96	Yonemura et al.			
	5,548,431	08/20/96	Shin et al.			
	5,572,612	11/05/96	Delavaux et al.			
	5,615,290	03/25/97	Harasawa et al.			
	5,664,035	09/02/97	Tsuji et al.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,684,899	11/04/97	Ota			
	5,712,932	01/27/98	Alexander et al.			
	5,712,937	01/27/98	Asawa, et al.			
	5,717,795	02/10/98	Sharma et al.			
	5,745,479	04/28/98	Burns, et al.			
	5,764,821	06/09/98	Glance			
	5,778,118	07/07/98	Sridhar			
	5,793,908	08/11/98	Mizuuchi et al.			
	5,796,890	08/18/98	Tsuji et al.			
	5,809,187	09/15/98	Peck, Jr. et al.			
	5,815,294	09/29/98	Ishikawa, et al.			
	5,825,515	10/20/98	Anderson			
	5,825,949	10/20/98	Choy et al.			
	5,838,989	11/17/98	Hutchison et al.			
	5,894,362	04/13/99	Onaka, et al.			
	5,898,801	04/27/99	Braun, et al.			
	5,901,260	05/04/99	Braun, et al.			
	5,910,851	06/08/99	Flaherty			
	5,937,032	08/10/99	Nummelin, et al.			
	5,943,148	08/24/99	Hamel et al.			
	5,949,560	09/07/99	Roberts, et al.			
	6,008,915	12/28/99	Zyskind			
	6,014,481	01/11/00	Kremers			
	6,075,628	06/13/00	Fisher, et al.			
	6,111,888	08/29/00	Green, et al.			
	6,122,095	09/19/00	Fatchi			
	6,128,111	10/03/00	Roberts			
	6,140,920	10/31/00	Roberts			
	6,175,533	01/16/01	Lee, et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	Appln. 0 069 356 A2	01/12/83	EPO				✓



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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	Appln 0 105 753 A2	04/18/84	EPO			✓	
	Appln 0 164 652 A2	12/18/85	EPO				✓
	Appln 0 231 635 A2	08/12/87	EPO			✓	
	Appln 0 356 090 A2	02/28/90	EPO			✓	
	EP 0 393 293	10/24/90	EPO				
	EP 0 451 426	10/16/91	EPO				
	EP 0 503 212	09/16/92	EPO				
	Appln 0 739 103 A2	10/23/96	EPO			✓	
	Appln 0 744 797 A1	11/27/96	EPO				✓
	Appln 0 905 936 A2	03/31/91	EPO			✓	
	PUB EP000103873A2	03/28/84	EPO			✓	
	86-191340/30	06/13/86	France				✓
	DE 3807072 A!	08/04/88	Germany				✓
	DE 3938856 A1	11/23/89	Germany				✓
	DE 4331330 A!	09/15/93	Germany				✓
	DE 4427187 A1	02/08/96	Germany				✓
	7-202921	08/04/95	Japan				✓
	11-331224	03/31/99	Japan				✓
	9-321739	12/12/97	Japan			✓	
	11-87823	03/30/99	Japan			✓	
	10-107773	04/24/98	Japan			✓	
	9/51322	02/18/97	Japan			✓	
	2,087,679	05/26/82	U.K.			✓	
	2,102,232	01/26/83	U.K.			✓	
	2,189,961	11/04/87	U.K.			✓	
	WO 93/03406	02/18/93	WIPO			✓	



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		FILING DATE: August 7, 2002	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Technology Center 2600			
	Stewart D. Personick, <u>Optical Fiber Transmission Systems</u> , pp.1 – 3 (1981)		
	H. Hodara, and E. Miles, " <u>High-Speed Local Area Networks</u> ", <u>Fiber and Integrated Optics</u> ; (1992) pp. 253-277.		
	N.A. Olsson, <u>Lightwave Systems With Optical Amplifiers</u> , <u>Journal of Lightwave Technology</u> , pp 1071-1082 (July, 1989)		
	ITU-T Recommendation G.681, Series G: Transmission Systems and Media, Digital Systems and Networks; Functional characteristics of interoffice and long-haul systems using optical amplifiers, including optical multiplexing (10/96)		
	ITU-T Recommendation G.692, Series G: Transmission Systems and Media, Digital Systems and Networks; Optical interfaces for multichannel systems with optical amplifiers (10/98)		
	Chart and figures for optical fiber cable and baseband transmission, available at http://www.microsoft.com/technet/WFW/wfw31/1_ch1.asp		
	HDR 7.0 2 73; 7.0 Fiber Optic Ethernet - - Types FOIRL and 10 BASE-F available at http://www.uni-trier.de/infos/ether/ethernet-guide/ethernet-guide.html		
	3.0 IEEE Acronyms, available at http://spacey.net/ldavis/Design_Ethernet_Note.html , no date.		
	Fibre Channel – Overview of the Technology, 09/09/2000, pp 1 – 9 available at http://fibrechannel.org/technology		
	Bi-Directional Optical Backplane Bus for Board to Board Optoelectronic Interconnects, Gicheri Kim, Jinghui Fa and Ray T. Chen, 1-4 (09/09/2000) available at http://ece.utexas.edu/projects/ece/mrc/profs/chen_projects/optbus/optbus.html		
	SOME Bus (Simultaneous Optical Multiprocessor Exchange Bus)(09/09/2000) available at http://eb.uah.edu/~cohen/some_bus/some_bus.html		
	Integrated Explorations of the Spectral, Temporal and Spatial Degrees of Freedom 1 (09/09/2000) available at http://thebusinessedge.com/reruns/cito/sargent/sld001.htm		
	Challenges in IP LANs on Higher-Dimensional Encoding (slide 4) (09/09/2000) available at http://thebusinessedge.com/reruns/cito/sargent/sld004.htm		
	0034-P PCI 1-Gig Fibre Channel Optical Host Bus Adapter 1- 4 available at http://solutions.sun.com/dbsearch/index.cgi?STATE=product&CMD=show&p_id=58181 (09/09/2000)		
	Architectural and Engineering Issues for Building an Optical Internet 1 – 55 (09/09/00) available at http://www.canet3.net/papers/ArchandEngIssues.html		
	Baker, <u>Monomode Fiber-Optic Design with Local- Area and Long-Haul Network Applications</u> , pp. 370-371		
	Karim, <u>Chaper 9: Electro-Optical Devices and Systems</u> , <u>Fiber-Optics-Based Devices and Systems</u> , pp. 434-435		
	Chinlon Lin, <u>Systems Applications of WDM Technologies in Optical Communications</u> , SPIE-International Society for Optical Engineering (Aug. 15-18, 1994)		
	Manuel Lopez-Amo, Loudon T Blair & Paul Urquhart, <u>Wavelength-Division-Multiplexed distributed optical fiber amplifier bus network for data and sensors</u> , <u>Optics Letter</u> 1159-61(July 15, 1993)		
	Francesco Matera & Marina Settembre, <u>Performance Evaluation of Optically Amplified Systems Operating in Optical Networks</u> , <u>Microwave & Optical Technology Letters</u> (Nov. 1996)		
	Spirit et al., <u>140-km 20-Gbit/s repeaterless transmission employing distributed erbium amplification</u> , <u>Optical Fiber Communication Conference</u> (1992)		
	Philip J. Koopman, Jr., and Bhargav P. Upender., "Time Division Multiple Access Without a Bus Master," <u>United Technologies Research Center, UTRC Technical Report RR-9500470</u> (June 1995)		

